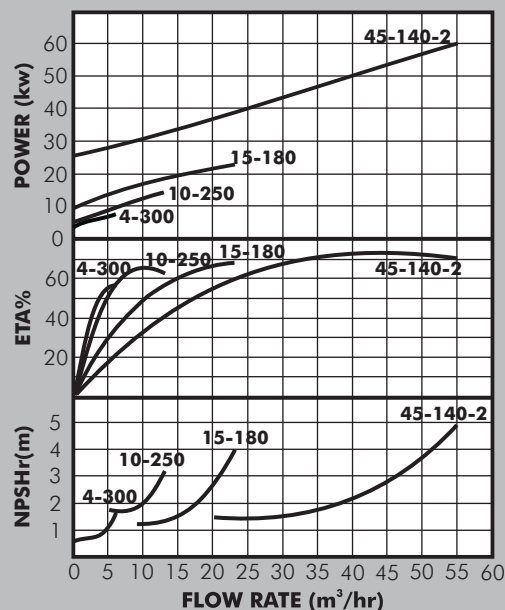
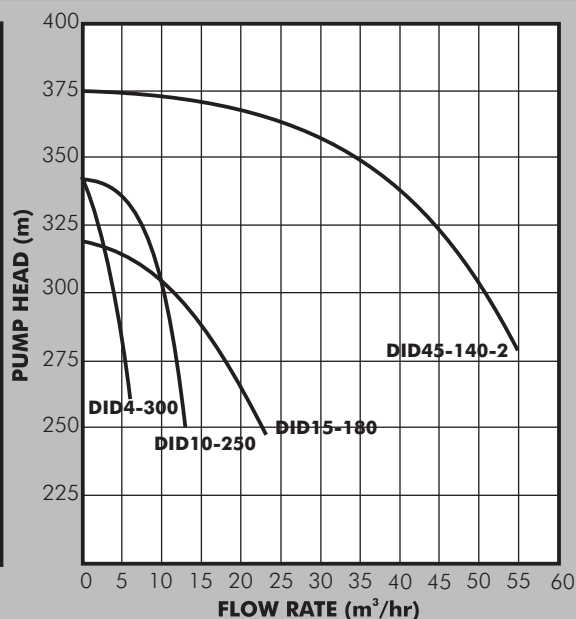




DID

Vertical Multistage Centrifugal Pumps



PUMP

The DAYLIFE DID pump range are of non-self-priming, high efficiency in-line centrifugal design with a special application for pumping highly mineralised water especially in RO plant application. The pumps are of heavy-duty construction and designed for continuous duty in high pressure installations. Material of construction is Duplex SS2205 for the inlet and outlet chamber, seal base, pump sleeve and shaft while impellers and chambers are of Stainless Steel 904L. Pumps are water lubricated and are provided with a standard cartridge type mechanical seal and BSP internally threaded counter flanges.

MOTOR

The pumps are coupled to high efficiency IE3 totally enclosed fan cooled 2-pole motor complying with IEC standards and must be connected to an effective motor starter in accordance with local regulations.

Enclosure Class: IP55 **Insulation Class:** F

Voltage: 3x415V

Speed: 2900rpm

OPERATING CONDITIONS

Pumped Liquids: Thin, clean, non-flammable, non-combustible and non-explosive liquids without solid particles or fibres.

Liquid Temperature Range: -15°C to +70°C

Maximum Ambient Temperature: +40°C

Maximum Suction Lift: According to the NPSH curve plus a safety margin of 0.5m

Maximum Operating Pressure: Up to 7.5kW - 21bar, other - 30bar

Maximum Inlet Pressure: 3 bar

Water Quality @20°C Temperature: TDS- 35,000ppm, Chloride 20,000ppm

PUMP DATA

Model	Motor		Full Load Current (A)	I Start	Dimensions(mm)					Weight (Kgs)
	kW	HP			DN	B1	B2	B1+B2	D	
DID4-300	7.5	10	16	1.8	32	1086	465	1551	260	113
DID10-250	15	20	25	2.2	40	1174	610	1784	350	184
DID15-180	22	30	43	1.9	50	1240	670	1910	360	233
DID45-140-2	55	75	110	1.8	80	1686	670	2056	550	532

